Receipt date: 05/12/2010

10590046 - GAU: 1795

PTO/SB/08 Equivalent

|                                       | Application No.      | 10/590,046      |
|---------------------------------------|----------------------|-----------------|
| INFORMATION DISCLOSURE                | Filing Date          | June 15, 2007   |
| STATEMENT BY APPLICANT                | First Named Inventor | Hirayama et al. |
|                                       | Art Unit             | 1795            |
| (Multiple sheets used when necessary) | Examiner             | Johnson, C.     |
| SHEET 1 OF 2                          | Attorney Docket No.  | SHIGA7.055APC   |

| U.S. PATENT DOCUMENTS |             |   |                                |                               |  |
|-----------------------|-------------|---|--------------------------------|-------------------------------|--|
| Examiner<br>Initials  | Cite<br>No. | Document Number<br>Number - Kind Code (if known)<br>Example: 1,234,567 B1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | 1           | 2004/0234885 A1   | 11-25-2004                     | Watanabe et al.               |  |
|                       | 2           | 2002/0058205 A1   | 05-16-2002                     | Nakashima et al.              |  |
|                       | 3           | 2005/0271971 A1   | 12-08-2005                     | Ueda et al.                   | Corresponds to Ref. No. 6  |
|                       | 4           | 6,197,473   | 03-06-2001                     | Kihara et al.                 | Corresponds to Ref. No. 9  |
|                       | 5           | 7,220,808   | 05-22-2007                     | Yamagishi et al.              |  |

|                      |             | I  | FOREIGN PATE                      | ENT DOCUMENTS                    |  |                |
|----------------------|-------------|--|-----------------------------------|----------------------------------|--|----------------|
| Examiner<br>Initials | Cite<br>No. | Foreign Patent Document<br>Country Code-Number-Kind Code<br>Example: JP 1234567 A1 | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant | Pages, Columns, Lines<br>Where Relevant Passages or<br>Relevant Figures Appear | T <sup>1</sup> |
|                      | 6           | JP-A-2004-191913   | 07-08-2004                        | Idemitsu Kosan Co Ltd.           |  | Abstract       |
|                      | 7           | JP-A-2003-084437   | 03-19-2003                        | Toray Ind Inc                    |  | ✓              |
|                      | 8           | JP-A-2002-328473   | 11-15-2002                        | JSR Corp                         |  | ✓              |
|                      | 9           | JP-A-11-153863   | 06-08-1999                        | Toshiba Corp                     |  | Abstract       |
|                      | 10          | JP H08-262712  | 10-11-1996                        | Japan Synthetic Rubber<br>Co Ltd |  | Abstract       |

|   |             | NON PATENT LITERATURE DOCUMENTS   |   |
|---|-------------|---|---|
| Examiner<br>Initials                    | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>1</sup>                          |
|   | 11          | Hirayama et al, "Development of Amorphous PolyPhenol Resists with Low Molecular Weight and Narrow Dispersion for EB Lithography", IEEE Xplore, October 22, 2004, pp. 10-11.   |   |
|   | 12          | Notice of Allowance issued on corresponding Japanese Patent Application No. 2004-260764, dated February 16, 2010.   |   |
| ``                                      | 13          | Decision to Grant a Patent issued in corresponding Japanese Patent Application No. 2004-182301, dated January 6, 2009.  |   |
| 000000000000000000000000000000000000000 | 14          | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/572,630, dated March 1, 2010 (SHIGA7.069APC)   | 000000000000000000000000000000000000000 |
| *************************************** | 45          | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/572,630, dated August 13, 2009 (SHIGA7.069APC)   |   |
|   | *****       | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/572.630, dated April 23,   | ***********                             |
|   |             | 2009 (SHIGA7.069APC)  |   |
| *************************************** | 17          | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/572,630, dated. September 25, 2008 (SHIGA7.069APC)   | *************************************** |

| Examiner Signature | /Connie | Johnson/ | (07/01/2010) |
|--------------------|---------|----------|--------------|
|                    |         |          |              |

Date Considered 07/01/2010

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Receipt date: 05/12/2010

10590046 - GAU: 1795

PTO/SB/08 Equivalent

|                                       | Application No.      | 10/590,046      |
|---------------------------------------|----------------------|-----------------|
| INFORMATION DISCLOSURE                | Filing Date          | June 15, 2007   |
| STATEMENT BY APPLICANT                | First Named Inventor | Hirayama et al. |
|                                       | Art Unit             | 1795            |
| (Multiple sheets used when necessary) | Examiner             | Johnson, C.     |
| SHEET 2 OF 2                          | Attorney Docket No.  | SHIGA7.055APC   |

| 000000000000000000000000000000000000000 | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/574,805 dated February 26, 2010 (SHIGA7.073APC)                     | 00000000   |
|---|--|------------|
| *************************************** | Copy of Office Action issued in corresponding LLS. Patent Application No. 11/574 805 dated August 4 2009 (SHIGA7.073APC)                         | 0000000    |
| 000000000000000000000000000000000000000 | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/574,805 dated May 19, 2009 (SHIGA7.073APC)                          | 20000000   |
| 000000000000000000000000000000000000000 | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/574.805 dated August  21 19, 2008 (SHIGA7.073APC)                   | 0000000    |
|   | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/574.805 dated February  10, 2009 (SHIGA7.073APC)                    | 20000000   |
|   | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/718 091 dated April 23  23 2010 (SHIGA7.079APC)                     | *********  |
|   | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/718,091 dated  September 14, 2009 (SHIGA7.079APC)                   | *********  |
| 200000000000000000000000000000000000000 | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/813.511, dated April 28  25 2010 (SHIGA7.094APC)                    | 0000000    |
| 200000000000000000000000000000000000000 | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/813.511, dated October  8, 2009 (SHIGA7.094APC)                     | 6666668    |
| 000000000000000000000000000000000000000 | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/884.748, dated July 7.  27 2008 (SHIGA7.101APC)                     | 00000000   |
| *************************************** | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/914,451 dated May 3, 2010 (SHIGA7.116APC)                           | 100000000  |
|   | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/914,451 dated October 8,  2009 (SHIGA7.116APC)                      | 10000000   |
|   | Copy of Office Action issued in corresponding U.S. Patent Application No. 11/917,458, dated April 5,   | ********** |
|   | 2010 (SHIGA7.120APC)  2010 (SHIGA7.120APC)  Copy of Office Action issued in corresponding U.S. Patent Application No. 11/994,602, dated March 8, |            |
|   | 2010 (SHIGA7.123APC)   |            |

9024488 051010r

Date Considered 07/01/2010 Examiner Signature /Connie Johnson/ (07/01/2010)

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE

T¹ - Place a check mark in this area when an English language Translation is attached.